

ABSTRACT OF THE DISCLOSURE

An image input/output system obtains a print-job that includes printing-mode information and print-data, and analyzes the printing-mode information to determine whether the output mode of the print-data is a high-contrast output mode or a low-contrast output mode. According to the determined output mode, the image-processing device generates image data by calculating the color-space conversion of the print-data at a high bit-depth if the output mode is high-contrast, or at a low bit-depth if the output mode is low-contrast, thereby achieving output with high reproducibility in a high-contrast output mode, and high-speed output in a low-contrast output mode.